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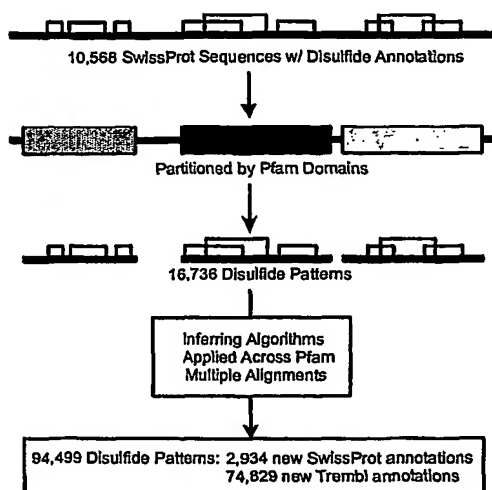
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(54) Title: DETECTING PROTEIN SIMILARITY



(57) Abstract: The disulfide bridges in a protein sequence can be described by a disulfide signature that includes information about cysteine spacing and disulfide topology. Proteins with similar disulfide signatures can be structurally similar despite low overall sequence homology. A database of disulfide signatures can be compiled from publicly available sequence data.

WO 2005/051173 A2